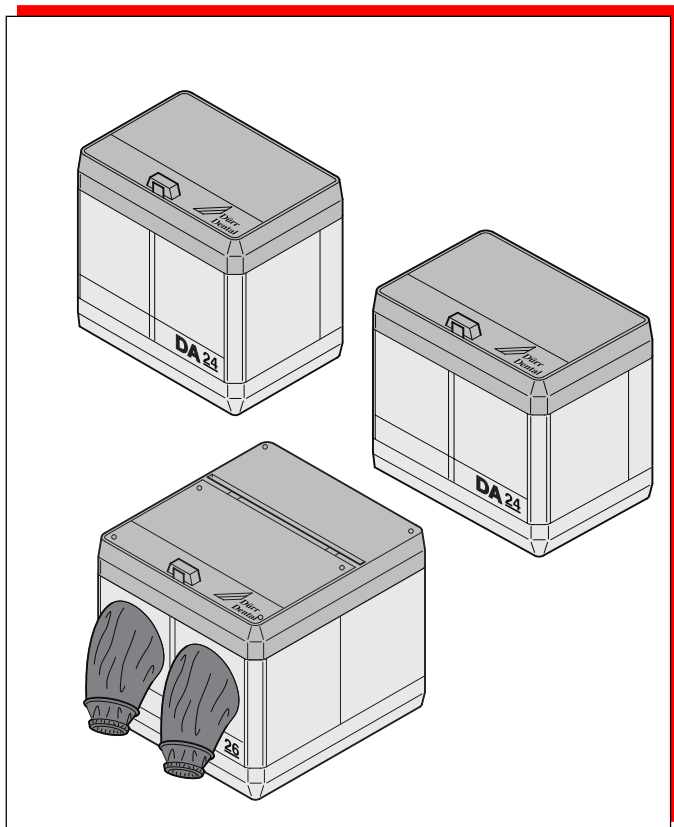


INSTALLATION AND OPERATING INSTRUCTIONS

DÜRR DAYLIGHT LOADER

DL 24, DL 26, DA 24

GB



9000-600-67/30



CONTENTS



Important Information

1. Notes	4
1.1 Conformity	4
1.2 General Notes	4
1.3 General Safety Notes	4
1.4 Warning Information and Symbols	5
2. Product information	6
2.1 Use for the Intended Purpose	6
2.2 Use other than that for the intended purpose	6
2.3 Product Description	6
3. Delivery Contents	6
4. Technical Data	6
4.1 Measurements	6



Installation

5. Sleeve Attachment	8
5.1 Mounting adjustable feet	8
5.2 Installation note	9
5.3 Attaching seal	9



Use

6. FilmProcessing	10
7. Film Storage	10





IMPORTANT INFORMATION

1. NOTES

1.1 Conformity

This product was tested according to the guidelines as laid down in 93/42/EWG of the European Union. This product has been shown to conform to all the fundamental requirements as per these guidelines.

1.2 General Notes

- The installation and operating instructions are part of the appliance. They should always be at hand near the unit. Correct observation of these instructions is a prerequisite for correct usage and handling of the appliance. New colleagues should be made aware of the contents.
These instructions should be handed over to any subsequent owner or user of the appliance.
- The safety of operators and trouble-free operation of the appliance can only be guaranteed when original parts are used. Furthermore, only parts as listed in the technical documentation or parts explicitly approved by Dürr Dental may be used. Dürr Dental cannot guarantee either trouble-free operation or functional safety where parts or products from other manufacturers are used. No claims for compensation of any kind will be accepted, where damage results from the use of parts or products from other manufacturers.
- Dürr Dental does not accept responsibility for the safety, reliability and function where installation, resetting, alterations, additions or repairs have not been carried out by either Dürr Dental or by a responsible party authorized by Dürr Dental, and where the appliance has not been used in accordance with the operating instructions.

- The installation and operating instructions are designed for this appliance and conform to the technological standard valid at the time the appliance was first used. All switches, processes, trade marks, software programs and appliances named in this document are registered names.
- Copying of all or part of the technical documentation is subject to the prior approval of Dürr Dental.

1.3 General Safety Notes

This appliance has been so designed and constructed by Dürr Dental that virtually no possible danger can arise provided it is installed and operated according to the instructions. However, in order to avoid any possible damage or injury we feel obliged to point out the following safety measures.

- When operating this appliance observe all local and national rules and regulations! Converting or altering this appliance in any way is not permitted. Dürr Dental cannot provide any guarantee or admit liability where any modifications have been carried out. In the interests of ensuring problem-free running the owner and operator are responsible for observing all rules and regulations.
- Retain all packing material in case the device must be returned to the manufacturers. Take care that it does not fall into the hands of children. Only the original packing guarantees optimal safety of the appliance during transport. Should it be necessary to return the product to the manufacturer during the guarantee period, Dürr Dental will not accept claims for damage arising from using incorrect packing materials!
- This product is a medical technical appliance and may only be used by those persons whose training and/or experience guarantees correct usage.
- Before each use of the appliance the operator should check both the safety and that it is in fully working order.
- The operator must be fully aware of how to use the appliance correctly.

- This product is not suitable for use in areas of medical rooms where there is the danger of explosion. Examples of unsuitable operating rooms are those where combustible anesthetics, skin-cleaning agents, oxygen or skin disinfectant materials are present. The appliance is not to be used in rooms with combustible-inducing atmospheres.

1.4 Warning Information and Symbols

In the Installation and Operating Instructions use is made of the following terms or symbols to denote information of special importance.



Information and/or mandatory regulations or prohibitions for the prevention of personal injury or substantial property damage



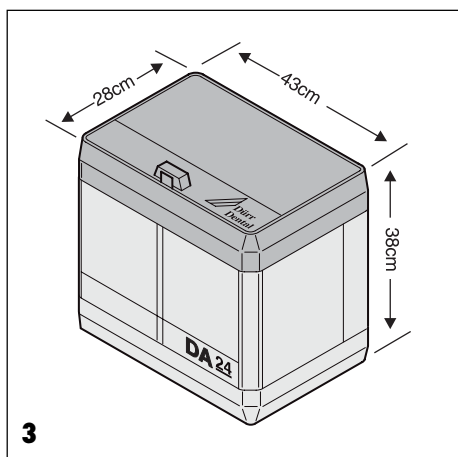
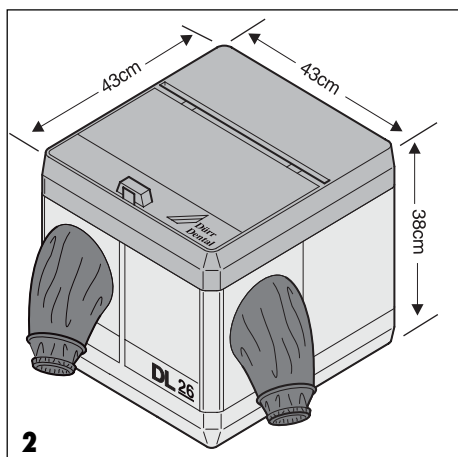
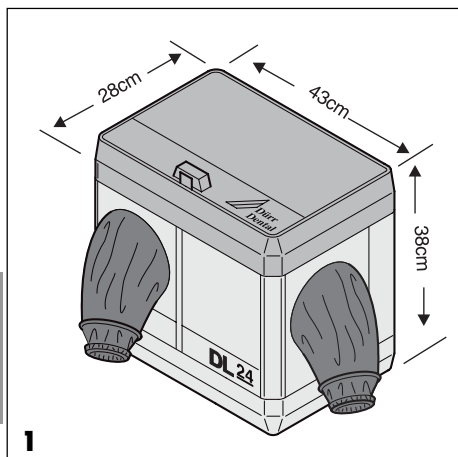
Special information regarding the economical use of the equipment and other information



Observe Installation and Operating Instructions!



For the protection of both staff and patients, protective gloves must be worn when using X-ray processors



2. PRODUCT INFORMATION

2.1 Use for the Intended Purpose

Dürr Dental daylight loaders DL 24, DL 26 and daylight attachment DA 24, are only designed to be used in conjunction with the X-ray processors XR24 etc.

The daylight loaders DL 24 and DL 26 are attached where no darkroom is present.

The daylight attachment DA 24 can be integrated where a darkroom already exists; the darkroom can be more rapidly exited after introduction of the X-ray film into the processor.

2.2 Use other than that for the intended purpose

Any other use or use beyond what is specified is deemed to be not for the intended purpose.

The manufacturer accepts no liability for damage resulting therefrom. All risk is borne solely by the user.

2.3 Product Description

DL 24 and DL 26 allow the sleeves to be used as preferred, i.e. from in front or from the side, as illustrated in figs. 1-2.

Daylight attachment DA 24 does not have sleeves.

3. DELIVERY CONTENTS

DL24 (with red filter pane) 1700-910-00
for intra- and extra-oral dental films

or

DL26 (with red filter pane) 1700-920-00
e.g. for 24x30 films in cassette holder

or

DA24 (without red filter pane) 1700-930-00
without sleeves

4. TECHNICAL DATA

4.1 Measurements

DL24 W = 28cm, L = 43cm, H = 38cm

DL26 W = 43cm, L = 43cm, H = 38cm

DA24 W = 28cm, L = 43cm, H = 38cm





INSTALLATION

5. SLEEVE ATTACHMENT

The side panels with the sleeves (2) can be mounted as desired

- Remove screws from cover
DL24: 4 screws (4)
DL26: 6 screws (4)
- Remove lid (1) of daylight loader
- The side panels with the sleeves (2) are lifted vertically and exchanged with the appropriate side panel (3) as preferred

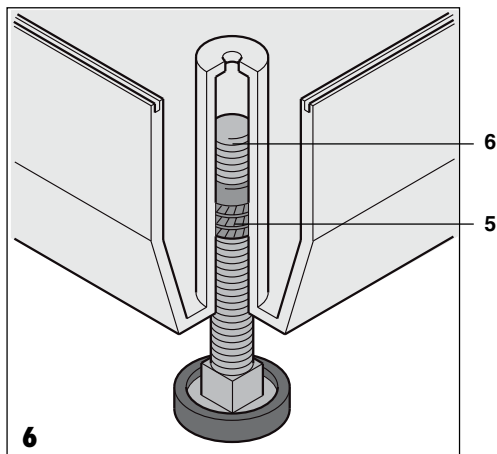
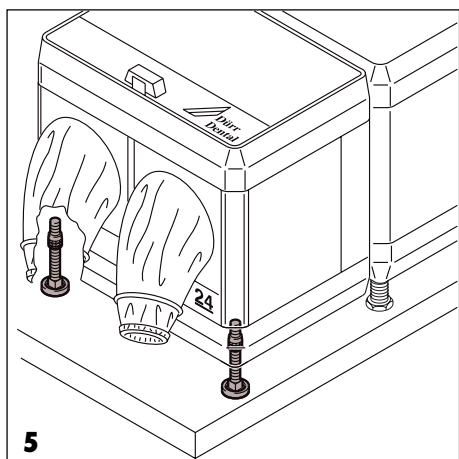
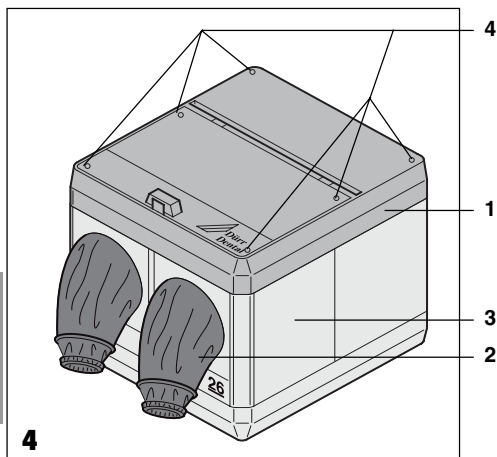
5.1 Mounting adjustable feet

- Attach daylight loader DL24/DL26 or daylight attachment DA24 in place.
- Place the threaded sleeve (5) as supplied into the daylight loader or daylight attachment:
for DL 26 in the two central inside sockets,
for DL 24 in the two outside sockets.
- Place the threaded sleeve (5) with the threaded flanges to the bottom onto the adjustable foot (6) and rotate approx. 3 times.



The sleeve should not be screwed onto the foot too far, otherwise the sleeve cannot be placed properly into the daylight loader or daylight attachment.

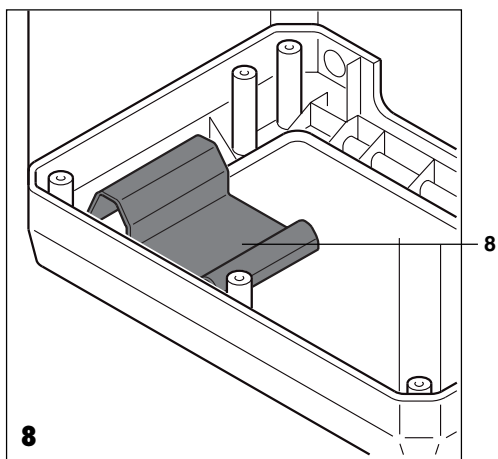
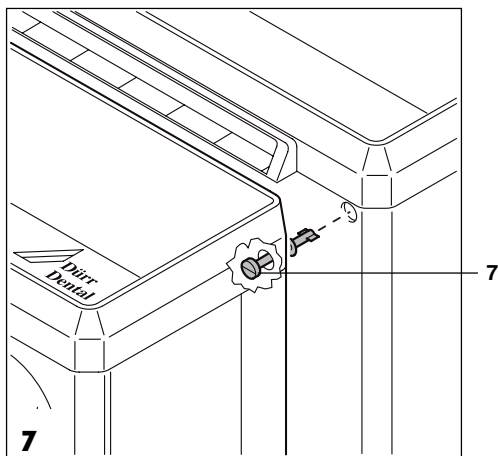
- Place the sleeve together with foot into the molding of the daylight loader or daylight attachment. See Fig 5.



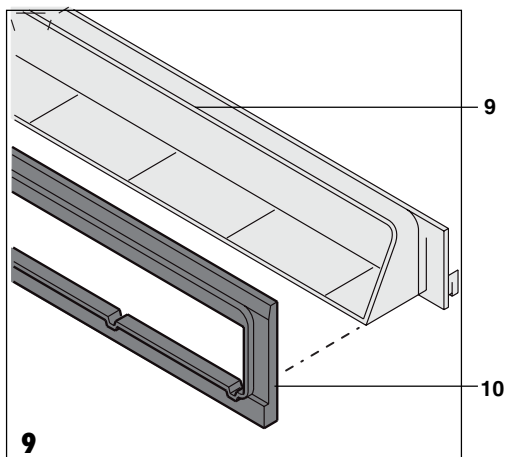
5.2 Installation note

Fix the daylight loader or daylight attachment to the X-ray processor XR24 using the 4 quick-lock screws (7) at the back of the processor.

Turn the quick-lock screws clockwise until they click in place!



Place the cassette holder (8) right or left on the floor of the daylight loader as desired.



5.3 Attaching seal

After installation of the daylight loader the seal must be placed in position:

- Open the cover of the daylight loader.
- Place the seal (10) of the film feed (9) in position on the X-ray processor. The side with moldings should be to the bottom.



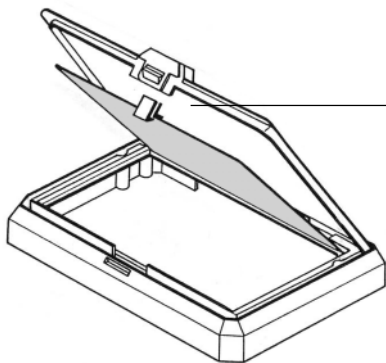
In order to avoid faulty exposures press the seal firmly in place.

After successful installation of the daylight loader test that it totally excludes all light.



USE

11



6. FILMPROCESSING



During processing of thin layer (Extraoral) films, lid (11) must be completely closed otherwise films will be pre-exposed

7. FILM STORAGE

The film depot (13) can be used to store a maximum of 10 extra-oral films.



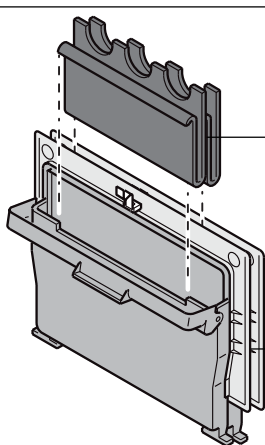
For the protection of both staff and patients, protective gloves must be worn when using X-ray processors.

When storing film in the film depot (13) the following must be observed:



Use up all films once a pack has been opened!
This prevents films from being stored for too long and avoids the consequent grain effect on such film material.

12



13

- For films in the formats 12 x 30, 13 x 18, 15 x 30 hang the film holder (12) in the film depot (13).
Place the film material in the film holder (12)
- For films in the format 24 x 30 or 24 x 18 the film holder is not required.
Place the film material in the film depot (13);
24 x 18 films should be placed vertically in position



Close the lid of the film depot (13) after every removal of a film; otherwise there is the danger of a double exposure.

10

11